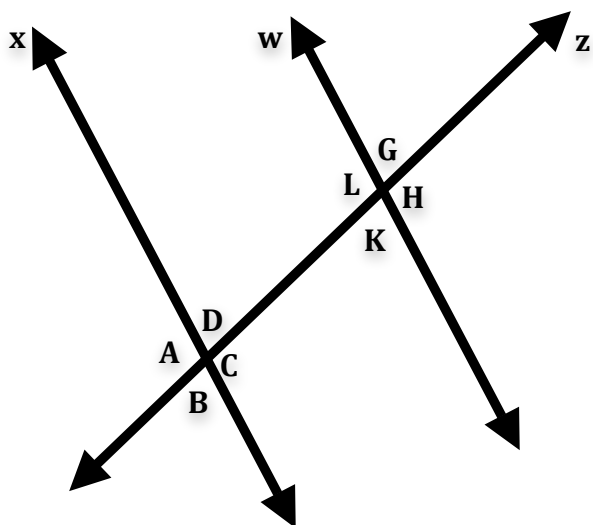


Name _____

Mod 6 Quiz Review – Angle Relationships for Parallel Lines and Triangles

Parallel Lines and Transversals

Lines x and w are parallel lines being intersected by transversal z . Identify the following angle relationships.



- 1) Identify one pair of corresponding angles. _____
- 2) Identify one pair of vertical angles. _____
- 3) Identify one pair of alternate interior angles. _____
- 4) Identify one pair of alternate exterior angles. _____
- 5) Identify one pair of supplementary angles. _____

In the diagram above, the $m\angle B$ is 87° . Find the measurements for the following angles.

6) $m\angle C$ is _____ I know this because _____

7) $m\angle D$ is _____ I know this because _____

8) $m\angle G$ is _____ I know this because _____

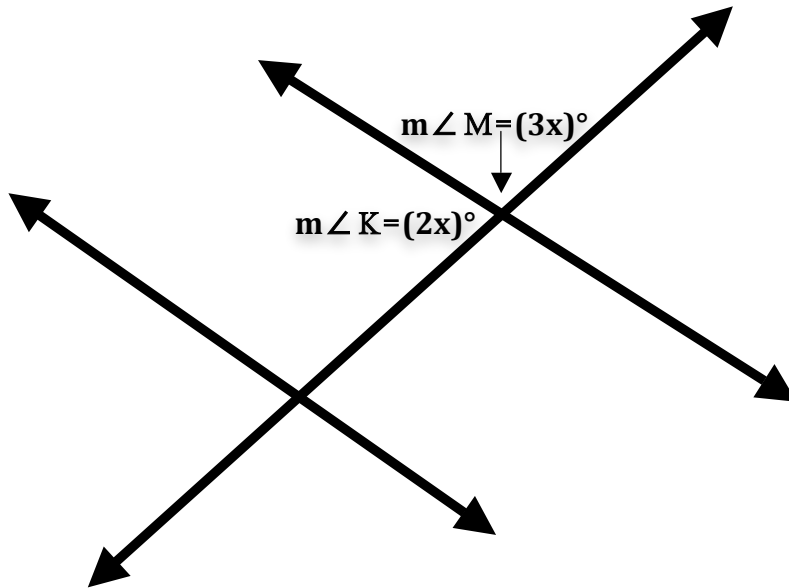
9) $m\angle H$ is _____ I know this because _____

10) $m\angle K$ is _____ I know this because _____

Name _____

Mod 6 Quiz Review – Angle Relationships for Parallel Lines and Triangles

Find the following angle measurements.



11) Name the angle relationship: _____

12) This means the angles: _____

13) Solve for the angle measures:

14) $x =$ _____

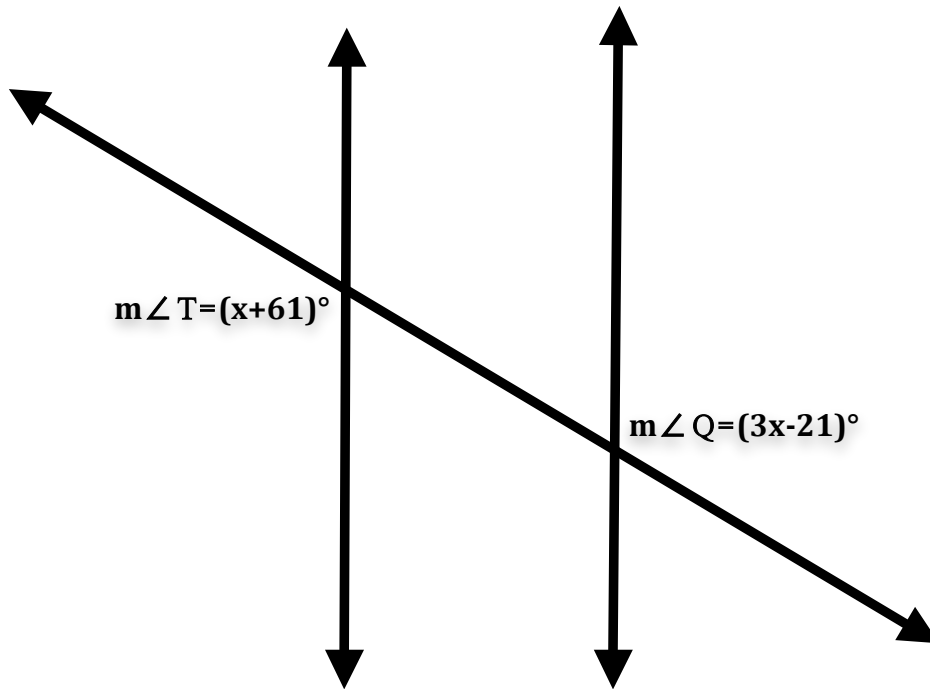
15) $m\angle K =$ _____

16) $m\angle M =$ _____

Name _____

Mod 6 Quiz Review – Angle Relationships for Parallel Lines and Triangles

Find the following angle measurements.



17) Name the angle relationship: _____

18) This means the angles: _____

19) Solve for the angle measures:

20) $x =$ _____

21) $m\angle T =$ _____

22) $m\angle Q =$ _____

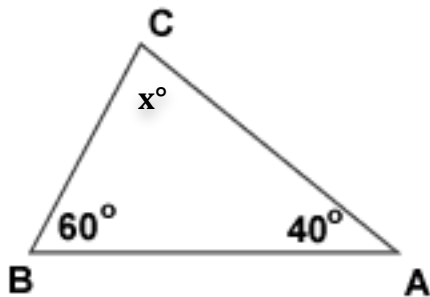
Name _____

Mod 6 Quiz Review – Angle Relationships for Parallel Lines and Triangles

Triangles

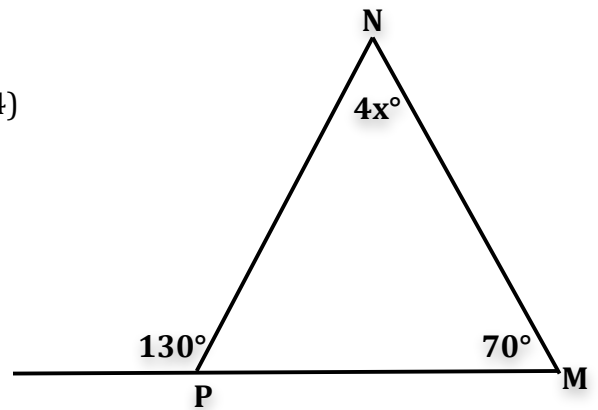
Find the missing angle measurements.

23)



$m\angle BCA = \underline{\hspace{2cm}}$

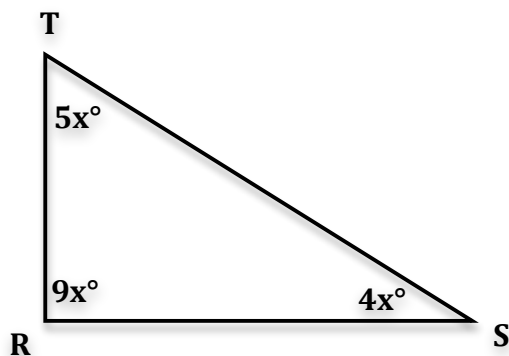
24)



$m\angle MPN = \underline{\hspace{2cm}}$

$m\angle PNM = \underline{\hspace{2cm}}$

25)

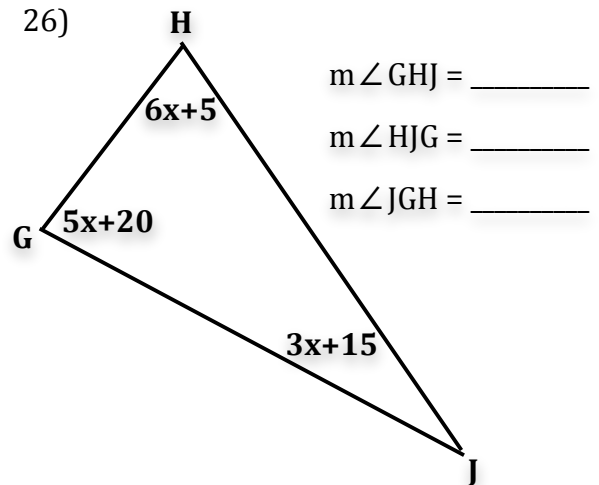


$m\angle RTS = \underline{\hspace{2cm}}$

$m\angle TSR = \underline{\hspace{2cm}}$

$m\angle SRT = \underline{\hspace{2cm}}$

26)



$m\angle GHJ = \underline{\hspace{2cm}}$

$m\angle HJG = \underline{\hspace{2cm}}$

$m\angle JGH = \underline{\hspace{2cm}}$

Name _____

Mod 6 Quiz Review – Angle Relationships for Parallel Lines and Triangles

Fraction & Integer Review

27) $35 + -14$

28) $-23 - (-12)$

29) $-30 \bullet 5$

30) $\frac{-77}{-11}$

31) $3\frac{2}{3} + 14\frac{7}{8}$

32) $15 - 7\frac{4}{5}$

33) $10\frac{1}{2} \bullet 4$

34) $3\frac{1}{4} \div \frac{2}{3}$